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Date of Deposit: July 8, 2005

Attorney Docket No.: 17810-509 NATL

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Nobuko Uchida
SERIAL NUMBER: 09/890,539 EXAMINER : Robert Clinton Hayes
FILING DATE: December 13, 2001 ART UNIT : 1647
FOR: USE OF COLLAGENASE IN THE PREPARATION OF NEURAL
STEM CELL CULTURES

MAIL STOP AF
Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Pursuant to the duty of disclosure under 37 C.F.R. §§1.56, 1.97 and 1.98, Applicants hereby make of record the documents listed on the attached modified Form PTO-1449.

This Information Disclosure Statement is being filed after the mailing date of either a final action under 37 C.F.R. §1.113 or a Notice of Allowance under 37 C.F.R. §1.311 and before payment of an Issue Fee. The fee of \$180.00 as set forth in 37 C.F.R. §1.17(p) is enclosed.

It is respectfully requested that the Examiner consider completely the cited information, along with any other information, in reaching a determination concerning the patentability of the present claims, and sign the enclosed form PTO-1449 to evidence that the cited information has been fully considered by the Patent and Trademark Office during the examination of this application.

By submitting this Information Disclosure Statement, the Applicants make no representation that: (1) a search has been performed, of the extent of any search performed, or that more relevant information does not exist; (2) the information cited in the Statement is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56(b); and (3) the information cited in the Statement is, or is considered to be, in fact, prior art as defined by 35 U.S.C. §102.

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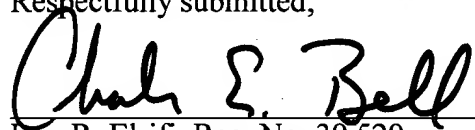
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APPLICANT: Nobuko Uchida
U.S.S.N.: 09/890,539

Notwithstanding any statements by the Applicants, the Examiner is urged to form his/her own conclusion regarding the relevance of the cited information. An early and favorable action is hereby requested.

Please charge any fees that may be due, or credit any overpayment of same, to Deposit Account No. 50-0311, Reference No. 17810-509 NATL.

Respectfully submitted,



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Dated: July 8, 2005

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Modified Form 1449/PTO				Application Number		09/890,539	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Filing Date		December 13, 2001	
				First Named Inventor		Uchida	
				Group Art Unit		1647	
				Examiner Name		Robert Clinton Hayes	
				Attorney Docket Number		17810-509 NATL	
U.S. PATENT DOCUMENTS							
Exam Initials	Cite No.	U.S. Patent Document No.	Issue Date	Name of Patentee(s) or Applicant(s)	Class	Sub Class	Filing Date If Appropriate
	A1	4,608,341	08/26/86	Ambesi-Impiombato	435	240	
	A2	5,061,620	10/29/91	Tsukamoto et al.	435	7.21	
	A3	5,270,191	12/14/93	McKay et al.	435	172.3	
	A4	5,342,777	8/30/94	Cole et al.	435	240.31	
	A5	5,411,883	05/02/95	Boss et al.	435	240.2	
	A6	5,750,376	05/12/98	Weiss et al.	324	69.52	
	A7	5,753,506	05/19/98	Johe	435	377	
U.S. PUBLISHED APPLICATION DOCUMENTS							
Exam Initials	Cite No.	U.S. Published Application No.	Published Date	Name of Patentee(s) or Applicant(s)	Class	Sub Class	Filing Date If Appropriate
FOREIGN PATENT DOCUMENTS							
Exam Initials	Cite No.	Foreign Patent Document Office Number	Name of Patentee(s) or Applicant(s)	Date of Publication	Translation Yes No		
	B1	WO 94/09119	NEUROSPHERES LTD.	04/28/94			
	B2	WO 96/04368	DALHOUSIE UNIVERSITY	02/15/96			
	B3	WO 96/15226	NEUROSPHERES LTD.	05/23/96			
	B4	WO 97/41209	LEUVEN RESEARCH & DEV. VZW	11/06/97			
OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS							
Exam Initials	Cite No.	Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc.					
	C1	Kalyani et al. <i>Dev. Biol.</i> , 186:202-223 (1997)					
	C2	International Search Report for PCT/US00/05402, mailed August 7, 2000.					

* a copy of this reference is not provided as it was previously cited by or submitted to the office in a prior application, Serial No. _____, filed _____, and relied upon for an earlier filing date under 35 U.S.C. §120 (continuation, continuation-in-part, and divisional applications).

Examiner Signature		Date Considered	
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.